Carl Koepke

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Full-Stack Developer with a background in data analysis, and managing client relationships. A creative problem solver who loves to collaborate with a team or client to find the best possible solution to a problem. Recently received a Certificate in Full Stack Web Development from the University of Minnesota. Is a self starter who is happy to go that extra mile to get a project completed.

Technical Skills
Languages: HTML, CSS, JavaScript, SQL, NoSQL
Applications: Github, Heroku, MySQL, MongoDB
Tools: Bootstrap, Express, Node.js, React, Handlebars, JQuery

Portfolio
Link to portfolio: https://carl-koepke.herokuapp.com/portfolio

Projects
Quote Buddy
An app that pulls a random inspirational quote and reads it aloud.
- Role: Back-End, and API Developer
- Tools: HTML, CSS, JavaScript, JQuery, Text to Speech API
- Link: https://lindseym20.github.io/QuoteBuddy/

Weather App
A weather forecasting app, that gives you a 5 day forecast, and saves recent searches.
- Role: Sole Developer
- Tools: HTML, CSS, Bootstrap, JavaScript, JQuery, Local Storage, Open Weather API
- Link: https://carl-33.github.io/Weather/

Burger Battle
Full Stack application that lets users vote on their favorite burger restaurant.
- Role: Back-End Developer
- Tools: HTML, CSS, JavaScript, Express, Node.js, MySQL, Bootstrap, JawsDB
- Link: https://combusken-crew.herokuapp.com/

Experience
Certification Manager and Validation Specialist, Gerbig Engineering - 2014-2020
Managed a team of technicians testing and certifying cleanrooms throughout the Twin Cities area, and around the country. Responsibilities included managing personnel, tracking international testing standards, engaging with customers to gather requirements for project success, supporting customer audits and resolving findings, analyzing and compiling test result data into reports, and relaying testing information to customers.
Key Accomplishments:
- Boosted productivity by migrating document storage to a cloud based platform.
- Introduced Microsoft Teams functionality to allow work from home.
- Compiled data into easily consumable reports for an average of 15 customers a week.
- Successfully tracked ever changing international standards.

- Named department manager within the first five years.
- Achieved NEBB Professional Certification, the highest certification available, within the first five years.

Student Researcher, University of Wisconsin-Eau Claire, Eau Claire, WI — 2012-2013
Analyzed and compared six different strands of Superconducting wire made for the ITER project.
Key Accomplishments:
- Developed different testing techniques based on chemical makeup of superconducting wire.

Research Assistant, National High Magnetic Field Lab, Tallahassee, FL — 2012
Worked in a fast paced environment with undergrads, grad students, professors, and industry leaders around the world. Performed tests on superconducting wires as part of the global ITER project.
Key Accomplishments:
- Worked independently and collaborated on projects as a team.
- Analyzed Data, and presented results to the larger team.

Education
University of Minnesota — Certificate, Full Stack Web Developer Bootcamp 2020
University of Wisconsin-Eau Claire —Bachelor of Science Degree, Material Science 2013